

77. BHT - FREIBERGER UNIVERSITÄTSFORUM 2026  
 FREIBERG FORUM BIOBASED MATERIALS

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**Contact person:**  
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Freiberg

**Lead:**  
Jun.-Prof. Dr. rer. nat. Linus  
Stegbauer

<b>Montag, 8. Juni 2026</b>	
8.30 - 9:00 Uhr	<i>ANKUNFT</i>
9.00 - 9.05 Uhr	<b>Welcome</b> J.-Prof. Linus Stegbauer, Biogenic Engineering Materials, TU Freiberg
9.05 - 9.30 Uhr	<b>Mycelium Engineering Materials as substrates for electronics.</b> J.-Prof. Linus Stegbauer, Biogenic Engineering Materials, TU Freiberg
9.30 - 10.00 Uhr	<b>Cellulose-containing materials as precursors for electrochemical energy storage / Influence of the structure of cellulose-containing precursors on the pore structures and properties of carbon materials for electrochemical energy storage</b> Dr. Johanna Fischer, Chair of Wood and Plant Chemistry, TU Dresden
<b>10.00 - 10.30 Uhr</b>	<b>PAUSE</b>
10.30 - 11.00 Uhr	<b>Polysaccharides – basis for green products</b> Prof. Thomas Heinze, Posanova GmbH Centre of Excellence for Polysaccharide Research at the Thuringian Institute for Textile and Plastics Research
11.00 - 11.30 Uhr	<b>TBD</b> Dr. Wenyang Xu, Sustainable and Bio-inspired Materials Max Planck Institute of Colloids and Interfaces
11.30 - 12.00 Uhr	<b>Collagen – An Animal based Biomaterial with exceptional properties</b> Prof. Michael Meyer, FILK Freiberg Institute
<b>12.00 - 13.00 Uhr</b>	<b>LUNCH</b>
13.00 - 13.15 Uhr	<b>Contributions from PhD students/postdocs 1</b> Referent
13.15 - 13.30 Uhr	<b>Contributions from PhD students/postdocs 2</b> Dr. Vanessa Castro, BLOWIN, TU Freiberg
13.30 - 13.45 Uhr	<b>Transparent veneers</b> Winfried Barth, Chair of Wood and Plant Chemistry, TU Dresden
13.45 - 14.00 Uhr	<b>Contributions from PhD students/postdocs 4</b> Referent
<b>14.00 - 15.00 Uhr</b>	<b>POSTER SESSION IN FOYER/LOBBY</b>

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15.00 - 15.30 Uhr	<b>Unlocking the Potential of Microalgae Derived Biosilica in Material Science</b> Dr. Cathleen Oschatz INNOVENT e.V. Technologieentwicklung
15.30 - 16.00 Uhr	<b>Lignin-Derived Carbon Nanofibres at Scale for Electrochemical Applications</b> Petr Mikeš, Ph.D., Department of Physics, Technical University of Liberec
16:00 - 16.30 Uhr	<b>TBD</b> TBD
16.30 - 17.00 Uhr	<b>TBD</b> Dr. Katja Heise, Green Functional Materials, TU Freiberg